

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of: )  
Ronald Mahany et al. )  
Serial No. 10/631,071 )  
Filed: July 31, 2003 )  
For: RADIO FREQUENCY LOCAL )  
AREA NETWORK )  
Examiner: M. Santiago Cordero )  
Group Art Unit: 2687 )  
Confirmation No.: 3942 )

**LITIGATION STATEMENT PURSUANT TO MPEP § 2001.06(C) and INFORMATION**  
**DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The owner of record of the present application, Broadcom Corporation, is currently involved in several disputes with Qualcomm, Inc., including the following pending lawsuit and investigation:

- In the Matter of Certain Baseband Processor Chips and Chipsets, Transmitter and Receiver (Radio) Chips, Power Control Chips, and Products Containing Same, Including Cellular Telephone Handsets, U.S. International Trade Commission Case. No. 377-TA-543.
- Broadcom Corp. v. Qualcomm, Inc., Civil Action No. 05-468 in the Central District of California

Pursuant to MPEP 2001.06(c), the Applicants would like to bring to the attention of the U.S. Patent and Trademark Office that the subject matter currently being claimed in the present application may be related to at least one of the patents currently asserted by Broadcom in the

above-mentioned lawsuit and investigation. For the Office's benefit, Applicants enclose as Exhibit A a list of the patents currently asserted by Broadcom in the above-mentioned pending lawsuit and investigation.

The Applicants have also attached with this electronic submission a completed PTO form PTO/SB/08A which has twenty-nine (29) pages. Copies of each printed reference listed in the PTO/SB/08A form are attached in this electronic submission and nine additional electronic submissions (due to the number of references permitted to be submitted per electronic submission). Applicants, however, have not submitted U.S. Patents or other references previously provided to or by the PTO in this application. Four hundred and sixty-nine (469) references are attached in ten electronic submissions.

The references being submitted have been either cited, produced or relied upon by Qualcomm thus far during the above-mentioned lawsuit and/or investigation. This submission is in no way intended as an admission that the submitted references constitute prior art under any subsection of 35 U.S.C. §102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial both copies of the enclosed PTO/SB/08A and return one copy to the applicants to indicate consideration of the enclosed references.

A fee in the amount of \$180 is believed to be due because:

- \* The applicant(s) believe(s) that this statement and enclosures are being filed after the first Office action on the merits has been mailed by the PTO. The basis of this belief is that an Office action on the merits appears to have been received by the undersigned to date.

The Commissioner is hereby authorized to charge any fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

Respectfully submitted,

Date: June 3 , 2006



Shawn L. Peterson

Reg. No. 44,286

McAndrews, Held & Malloy, Ltd.  
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Chicago, Illinois 60661  
(312) 775-8000

**EXHIBIT A**

**Patents Currently Asserted by Broadcom in Civil Action No. 05-468 (C.D. Cal) and U.S.  
International Trade Commission Case. No. 377-TA-543**

5,682,379

6,359,872

6,374,311

6,583,675

6,714,983

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
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				Group Art Unit	2687
				Examiner Name	M. Santiago Cordero
				Attorney Docket Number	14406US02
Sheet	1	of	29		

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
	A1	4,449,248	05-15-1984	Leslie et al.	
	A2	5,027,428	06-25-1991	Ishiguro et al.	
	A3	5,058,023	10-15-1991	Kozikaro	
	A4	5,058,203	10-15-1991	Inagami, Fujio	
	A5	5,142,534	08-25-1992	Simpson et al.	
	A6	5,224,152	06-29-1993	Harte	
	A7	5,301,225	12-23-1992	Suzuki et al.	
	A8	5,375,254	12-14-1990	Owen	
	A9	5,420,911	05-30-1995	Dahlin et al.	
	A10	5,590,346	12-31-1996	West et al.	
	A11	5,274,666	12-28-1993	Dowdell et al.	
	A12	5,329,531	07-12-1994	Diepstraten et al.	
	A13	5,329,576	07-12-1994	Handforth	
	A14	5,371,734	12-06-1994	Fischer	
	A15	5,377,192	12-27-1994	Goodings et al.	
	A16	5,696,468	12-09-1997	Nise	
	A17	5,757,239	05-25-1998	Gilmore	
	A18	5,825,253	10-20-1998	Mathe et al.	
	A19	5,910,752	05-08-1999	Filipovic et al.	
	A20	6,348,841	02-19-2002	See	
	A21	6,522,871	02-18-2003	Patrick et al.	
	A22	6,583,675	06-24-2003	Gomez	
	A23	6,593,826	07-15-2003	See	
	A24	6,694,129	02-17-2004	Peterzell et al.	
	A25	6,714,983	03-30-2004	Koenck et al.	
	A26	6,731,146	05-04-2004	Gallardo	
	A27	6,819,197	11-16-2004	Maldanado	
	A28	6,823,033	11-23-2004	Fahim	
	A29	6,888,913	05-03-2005	Walker	
	A30	6,911,856	06-28-2005	Florescu	
	A31	6,928,275	08-09-2005	Patrick et al.	
	A32	6,937,872	08-30-2005	Krasner	
	A33	4,734,694	03-29-1998	Umetsu et al.	
	A34	4,903,319	02-20-1990	Kasai et al.	

EXAMINER SIGNATURE	DATE CONSIDERED
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<sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

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Sheet	2	Of	29	Attorney Docket Number	14406US02

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		Number-Kind Code <sup>2</sup> (if known)			
	A35	4,964,121	10-16-1990	Moore	
	A36	4,977,611	12-11-1990	Maru	
	A37	5,128,938	07-07-1992	Borras	
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	A40	5,224,150	06-29-1993	Neustein	
	A41	5,275,254	01-04-1994	Shiraishi, et al.	
	A42	5,680,311	10-21-1997	Trsar, et al.	
	A43	5,745,523	10-27-1992	Dent et al.	
	A44	6,359,872	03-19-2002	Mahany et al.	
	A45	6,374,311	04-16-2002	Mahany et al.	
	A46	6,764,983	07-20-2004	Hammond et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1					

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Respondent Qualcomm Incorporated's Notice Of Prior Art, with Exhibits A & D attached thereto
	C2	Qualcomm's Response To Interrogatory 3, with Exhibits B & C attached thereto
	C3	INTENTIONALLY LEFT BLANK
	C4	INTENTIONALLY LEFT BLANK
	C5	"A New Chapter In Wireless Communication And Email", Electronic Messaging News, 11/27/1991, Vol. 3, No. 24
	C6	"A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Cognito Group Limited, Bates Nos. QBB569268-323
	C7	"AMDC Extends RFP Deadline To March 10; Waiver Decision Expected At FCC's March Meeting", Industrial Communications, 02/17/1989, No. 7
	C8	"AMDC Picks Ericsson Gear", Communications Week, 06/12/1989, Vol. 252, p. 44
	C9	"An Effective Prioritization Scheme For Handovers In Cellular Networks", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 364-368

EXAMINER

DATE CONSIDERED

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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	C10	"Ardis Links With NCR Notepad 12/11/91", Newsbytes, 12/11/1991
	C11	"Ardis To Face Competition From RAM", Newsbytes, 02/05/1991
	C12	"Automation In Warehousing", Proceedings Of The 8 <sup>th</sup> International Conference, Tokyo, Japan, 10/06-08/1987, pp. 1-355
	C13	"Autonomous Radio Stations Possible Over Mobitex", Industrial Communications, 12/09/1988, No. 48
	C14	"Bean Bullish On Growth Of Mobile Data In New Future", Industrial Communications, 02/15/1991, No. 7, p. 8
	C15	"Bellsouth Buys Into Ram's Nationwide Mobile Data Network", Industrial Communications, 10/18/1991, No. 42
	C16	"BellSouth Has Option To Buy RAM 10/11/91", Newsbytes, 10/11/1991
	C17	"BellSouth RAM In Joint Venture", BOC Week, 10/21/1991, Vol. 8, No. 40, p. 12
	C18	"Bellsouth, RAM To Form Mobile Communications Joint Venture", PR Newswire, 10/10/1991, p. 1
	C19	"Briefing Document For The Design Of The Diploma Messager MMI, 03/1989
	C20	"Broadband Lan Technology", 1988
	C21	"BT Opens New Service Center", Communications Week, 11/11/1991, p. 25
	C22	"Business Plan Appendix IV – Financial Projections"
	C23	"C Business Plan" Cognito Group Limited, 11/01/1990
	C24	"C Business Plan", Cognito Group Limited, 04/1990
	C25	"Canadian Cellular Industry (the) – Industry Report", First Marathon Securities Ltd. Industry Report, 10/25/1991, Investext Report No. 1154903, p. 30
	C26	"Cantel To Launch Mobile-Data And Paging Networks", The Gazette, Montreal Quebec, 05/10/1989, p. D1
	C27	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatibility Standard, Draft Rev. 0", 07/31/1990, Bates Nos. QBB138614-832
	C28	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatibility Standard, Draft Rev. 1", 10/01/1990, Bates Nos. QBB138833-9249
	C29	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatibility Standard, Draft Rev. 1.1", 07/15/1991, Bates Nos. QBB139250-858
	C30	"Cellular System Dual-Mode Mobile Station – Base Station Compatibility Standard", EIA/TIA Interim Standard, 05/1990, IS-54
	C31	"Cellular System Mobile Station – Land Station Compatibility Specification", Office Of Science Technology Bulletin No. 53, 07/1983

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	C32	"Change Request 05.02-11", Recommendation GSM 05.02, v. 3.3.0, 06/22/1989
	C33	"Change Request 05.02-14", Recommendation GSM 05.02, v. 3.3.0, 11/28/1989
	C34	"Coded First To Jump On Mobitex Equipment Bandwagon; Sees Data Licenses As Worth As Much As Cellular", Industrial Communications, 06/09/1989, No. 22
	C35	"Communications Personals", Communications Daily, 02/11/1991, Vol. 11, No. 28
	C36	"Complexity, High Price Keep Some Customers Away: Mobile Datacoms Taxes Users", Communications Week International, 04/01/1991, p. 20
	C37	"Consolidation, New Ventures Going Full Speed Ahead In All Markets", Industrial Communications, 10/06/1989, No. 36, p.1
	C38	"Covering Note To Draft Rec. GSM 01.04 Version 2.00.01 - Vocabulary In A GSM PLMN", GSM 01.04 v. 2.00.01, 09/28/1990
	C39	"Cutting The Ties That Bind", InformationWeek, 04/01/1991, Vol. 314, pp. 25-30
	C40	"DEC On Move: Teaming With Ericsson In Mobile Data Market", Communications Week International, 03/18/1991, p. 1
	C41	"DEC Targets Mobile Data Market", Communications Week International, 03/18/1991, p. 9
	C42	"DEC-Ericsson Agreement", Communications Week, 11/11/1991, p. 25
	C43	"Descriptive Air Interface Protocol", Cognito Group Limited, V. 6.0, 08/19/1991
	C44	"Digital And Ericsson To Co-Operate On Mobile Data", Exchange, 11/01/1991, Vol. 3, No. 42
	C45	"Discontinuous Reception (DRX) in the GSM System", Recommendation GSM 03.13, v 3.0.2, 01/15/1990
	C46	"Editorial: Telecom Trends", Newsbyte News Network, 12/24/1991
	C47	"Ericsson - Company Report First Boston Corporation (The)", 06/10/1988, Investext Report No. 813838, p. 9
	C48	"Ericsson - Company Report: Hoare Govett Investment Research Ltd", 10/01/1990, Investext Report No. 1039045, p. 22
	C49	"Ericsson - Company Report: Prudential Securities Inc.", 03/19/1990, Investext Report No. 1001955, p. 10
	C50	"Ericsson - Company Report: Svenska International PLC' Ericsson Company Report, Svenska International PLC, Investext Report No. 1142535, 10/04/1991, p. 2
	C51	"Ericsson (L.M.) (Telefon A/B) - Company Report: FT Analysis", Ericsson (L.M.) (Telefon A/B) Company Report FT Analysis , Investext Report No. 6027183, 11/19/1991, p. 3
	C52	"Ericsson And Digital Cooperate On Mobile Communications", Newsbyte News Network 10/08/91, Newsbytes, 10/08/1991

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	C53	"Ericsson And Digital Cooperated In Mobile Data", Business Wire, San Francisco, 10/07/1991, p.1
	C54	"Ericsson And GE And Speedwing Mobile Communications Team Up To Bring Mobile Data Communications To Airports Worldwide", Business Wire, San Francisco, 09/17/1991, p. 1
	C55	"Ericsson And GE Have Formed Joint Venture", Communications Daily, 08/28/1989
	C56	"Ericsson Announces Communications Software", Industrial Communications, 03/01/1991, No. 9
	C57	"Ericsson GE And Melard Technologies Announce A Strategic Alliance In Mobile Data Communications", Business Wire, San Francisco, 09/30/1991, p. 1
	C58	"Ericsson GE And Racotek Announce A Strategic Relationship For Mobile Data Communications", Business Wire, San Francisco, 09/16/1991, p. 1
	C59	"Ericsson GE And Racotek Inc. In Marketing Supply Deal", Alliance Alert-Medical Health, Vol. 2, No. 10, 10/01/1991,
	C60	"Ericsson GE And Speedwing Mobile Commun In Marketing Supply Deal", Alliance Alert-Medical Health, 10/1991, Vol. 2, No. 10
	C61	"Ericsson GE Awarded \$11.6 Million Contract From The U.S. Navy", Business Wire, San Francisco, 11/10/1993, p.1
	C62	"Ericsson GE Awarded Contract From The City Of Richardson, Texas", Business Wire, San Francisco, 10/01/1991, p. 1
	C63	"Ericsson GE In Development Deal With Anterior And RIM", Newsbyte News Network, 11/20/1991
	C64	INTENTIONALLY LEFT BLANK
	C65	"Ericsson GE In Joint Ventures To Develop Wireless E-Mail, Telecommunications Alert, 11/19/1991, Vol. 8, No. 38
	C66	"Ericsson GE Mobile Communications New R&D Center Begins Operations In North Carolina", Business Wire, San Francisco, 11/27/1990, p. 1
	C67	"Ericsson GE Mobile Communications Opens Research And Development Center In North Carolina", Business Wire, San Francisco, 05/01/1990, p. 1
	C68	"Ericsson GE Mobile Communications To manage Its Worldwide Cellular Telephone Business From RTP, N.C.", Business Wire, San Francisco, 04/24/1991, p. 1
	C69	"Ericsson GE Mobile Data And BRM Mobile Data Sign Agreements With GE Consumer Service", News Release, 07/25/1991, p. 1
	C70	"Ericsson GE Mobile Data And RAM Mobile Data Sign Agreements With GE Consumer Services", Business Wire, San Francisco, 05/09/1991, p. 1

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	C71	"Ericsson GE, Anterior Technology & Research In Motion (RIM) – Announce Wireless Access For E-Mail Users", News Release, 11/18/1991, p. 1
	C72	"Ericsson Gets \$55M Pact for Cellular Radio Data Gear", Electronic News (1991), p. 19, 06/12/1989
	C73	"Ericsson Has Data Unit" Communications Week, 01/08/1990, p. 8
	C74	"Ericsson Mobile Data Formed In New Jersey", Communications Daily, 01/05/1990
	C75	"Ericsson Signs \$55 Million Agreement With RAM Broadcasting For Mobile Data Network", Industrial Communications, 06/02/1989, No. 20
	C76	"Ericsson To Introduce Radio Modem Next Month", Telecommunications Alert, 12/17/1991, Vol. 8, No. 56
	C77	INTENTIONALLY LEFT BLANK
	C78	"Ericsson/GE Announces New Agreements", Industrial Communications, 10/04/1991, No. 40
	C79	"Ericsson: Breakthrough \$55 Million Agreement For Mobile Data Network In U.S.A.", Edge, 06/12/1989, Vol. 4, No. 64
	C80	"Ericsson's Mobitex Mobile Data System Is Chosen By Cantel For Nationwide Public Mobile Data Service In Canada", News Release, Ericsson (LM) Telephone, 12/01/1988, p. 1
	C81	"European Digital Cellular Telecommunications System (Phase 1), Network Functions", GSM 03.01 v 3.1.1, 02/1992
	C82	"European Digital Cellular Telecommunications System (Phase 2), Discontinous Reception (DRX) In The GSM System", GSM 03.13, v. 4.0.1, 07/01/1993
	C83	"European Digital Cellular Telecommunications System (Phase 2), Functions Related To MS In Idle Mode", GSM 03.22, Version 4.4.0, 06/25/1993
	C84	"European Digital Cellular Telecommunications System (Phase 2), Mobile Stations (MS) Features", GSM 02.07, 10/1993
	C85	"European Digital Cellular Telecommunications System (Phase 2), Mobile Stations Features", GSM 02.07, v. 4.4.1, 06/07/1993
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				First Named Inventor	Ronald L. Mahany
				Group Art Unit	2687
				Examiner Name	M. Santiago Cordero
Sheet	7	Of	29	Attorney Docket Number	14406US02

<b>OTHER ART -- NON PATENT LITERATURE DOCUMENTS</b>		
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	C90	"Man-Machine Interface Of The Mobile Station", Recommendation GSM 02.30, v 3.5.0, 03/1990
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	C111	"Nordic Monthly – Geographic Report: Svenska International PLC", 10/01/1991, Investext Report No. 1142734, p. 6
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	C167	AOKI, "Improved Output Spectrum Of Linearized Class-F Power Amplifier For Digital Cellular Mobile Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 195-198			
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	C195	CÁCERES et al., "The Effects Of Mobility On Reliable Transport Protocols", International Conference On Distributed Computing Systems, 11/01/1993
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	C199	CAMAZZA et al., "PCS Data Management In An Intelligent Network", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 329-333
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	C215	Cellular Digital Packet Data System Specification Release 1.0 - Book I, 07/19/1993
	C216	Cellular Digital Packet Data System Specification Release 1.1 - Book 1, 1995 CDPD Forum, Inc., 01/19/1995
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				First Named Inventor	Ronald L. Mahany
				Group Art Unit	2687
				Examiner Name	M. Santiago Cordero
				Attorney Docket Number	14406US02
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	C256	GATES, "Computers Enter The Wireless Age: New Technology Can Link Terminals Spanning Globe", Financial Post, 06/08/1991, p. 13
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Sheet	20	Of	29	First Named Inventor	Ronald L. Mahany
				Group Art Unit	2687
				Examiner Name	M. Santiago Cordero
				Attorney Docket Number	14406US02

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	C319	LOBERG et al., "Mobitex – The New Swedish Cellular Mobile Radio Service", International Conference On Radio Receivers & Associated Systems (4 <sup>th</sup> : 1986), 1986, Pub. No. 68, pp. 77-82
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	C383	TANNO et al., "Multiplexing Of Communication Ports On Unix Terminals For Packet Radio Networks", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 417-420
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	C429	"Mobilt Datanät om två år" (Mobile Datanet In Two Years), Elteknik Med. Ektuell Electronik, 1985, V. 5, p. 6
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	C432	INTENTIONALLY LEFT BLANK
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	C436	"Release Note, Recommendation" GSM 03.20, v. 3.3.2, 01/1991
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(use as many sheets as necessary))				Filing Date	July 31, 2003
				First Named Inventor	Ronald L. Mahany
				Group Art Unit	2687
				Examiner Name	M. Santiago Cordero
Sheet	27	Of	29	Attorney Docket Number	14406US02

<b>OTHER ART -- NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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	C464	File History of USSN 08/114,872, Bates Nos. QBB220620-1242
	C465	File History of USSN 08/431,077, Bates Nos. BCMITC000079534-862
	C466	File History of USSN 08/487,609, Bates Nos. BCMITC0000792166-658
	C467	File History of USSN 08/513,648 ('983 file history), Bates Nos. BCMITC000071666-72400
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	C474	HENDERSON, "Public Data Networks: The Mobitex System", Paper Presented At The IEEE Vehicle Navigation And Information Systems Conference (VNIS '89), 1989, pp. 365
	C475	INTENTIONALLY LEFT BLANK
	C476	Introduction To Telephones And Telephone Systems, 3rd Edition, 1998
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	C517	Types Of Mobile Stations, GSM 02.06 v 3.2.0, 02/1992

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